

C L A I M S

1. A mobile communication terminal communicatable with a car mounted electronic device, said mobile communication terminal comprising:

5 means for making radio communication with a mobile communication network via a first radio channel;

means for making radio communication with said car mounted electronic device via a second radio channel; and

10 information data transfer control means for transferring reception information data received from said mobile communication network via said first radio channel to said car mounted electronic device via said second radio channel, so that the reception information data is outputted from said car mounted electronic device.

2. The mobile communication terminal according to claim 1, further comprising an output operation control means for supplying an output operation limiting command to said car mounted electronic device via said second radio channel, so as to limit an output of information specific to said car mounted electronic device.

25 3. The mobile communication terminal according to claim 2, so as to display the reception information data, said output operation control means supplies the output operation command in order to suspends display

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operation of a second video data specific to said car mounted electronic device if, said information data transfer means transfers said reception information data containing a data to said car mounted electronic device.

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4. The mobile communication terminal according to claim 2, wherein said output operation control means supplies the output operating command in order to reduce a display region where a data specific to said car mounted electronic device is displayed if, said information data transfer means transfers said reception information data containing a data to said car mounted electronic device.

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5. The mobile communication terminal according to claim 1, further comprising

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means for detecting an entrance into a radio communication area communicable with said car mounted electronic device via said second radio channel; and

means for making connection to said car mounted

electronic device via a radio link caused by said second radio channel corresponding to the fact that the entry detecting means has detected the entrance into said radio communication area, enabling transfer of information data by said information data transfer means.

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6. The mobile communication terminal according to claim 1, further comprising

means for detecting getting out from a radio communication area communicable with said car mounted electronic device via said second radio channel; and

5 means for disconnecting said second radio channel if said detecting means detects the terminal gets out from the radio communication area.

7. The mobile communication terminal according to claim 1, wherein said reception information data is transferred under Bluetooth system.

8. The mobile communication terminal according to claim 1, further comprising

means for receiving information data transmitted from the car mounted electronic device via said second radio channel; and means for transmitting said 15 information data to said mobile communication network via said first radio channel

9. The mobile communication terminal according to claim 8, further comprising output operation control means for, supplying an output operation limiting command to the car mounted electronic device via said second radio channel, when information data containing first data is received from said car mounted electronic device, whereby display operation of second data specific to the car mounted electronic device is suspended at said car mounted electronic device.

25 10. The mobile communication terminal according to claim 8, further comprising output operation control

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means for supplying an output operation limiting command to the car mounted electronic device via said second radio channel, when said information data containing first data is received from said car mounted 5 electronic device, whereby a region where the second data is displayed at said car mounted electronic device is reduce.

11. A car mounted electronic device to a mobile communication terminal, said car mounted electronic device comprising:

information output means for outputting information specific to the car mounted electronic device;

radio interface means for making radio communication with said mobile communication terminal via a radio channel; and

means for, receiving the information data transferred from said mobile communication terminal, and outputting the thus received information data from 20 said information output means.

12. The car mounted electronic device according to claim 11, further comprising output operation control means for limiting an output of information specific to the car mounted electronic device at said information output means.

13. The car mounted electronic device according to claim 12, wherein, when information data containing

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first data is received from said mobile communication terminal, said output operation control means controls said information output means so as to suspend display operation of second data specific to the car mounted electronic device.

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14. The car mounted electronic device according to claim 12, wherein, when information data containing first data is received from said mobile communication terminal, said output operation control means controls said information output means so as to reduce a region where the second data is displayed at output means.

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15. The car mounted electronic device according to claim 11, further comprising

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entry detecting means for detecting that said mobile communication terminal enters a communicable radio communication area by said radio channel;

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authentication means for, in the case where the entry detecting means has detected entry of the mobile communication terminal into said radio communication area, making connection to said mobile communication terminal via the radio channel, thereby executing authentication procedures with the mobile communication terminal; and

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vehicle operation control means for, in the case where it is determined by said authentication means that the mobile communication terminal is not registered in advance, disabling opening of a vehicle

door or engine startup.

16. The car mounted electronic device according to claim 11, wherein said information data is transferred under Bluetooth system.

5 17. The car mounted electronic device according to claim 11, further comprising

means for inputting information data of the car mounted electronic device;

means for transmitting said outputted information data to said mobile communication terminal via the radio channel.

18. A mobile communication terminal connectable to a car audio device having a speaker and a microphone, said mobile communication terminal comprising:

15 means for making radio communication with a mobile communication network via a first radio channel;

means for making radio communication with said car audio device via a second radio channel using transmission power smaller than said first radio channel;

20 means for transferring reception audio data received from said mobile communication network via said first radio channel to said car audio device via said second radio channel, so that the reception audio data is outputted from said speaker of said car audio device;

means for receiving transmission audio data

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inputted by said microphone via said second radio channel; and means for transmitting the transmission audio data to the mobile communication network via said first radio channel.

5 19. A mobile communication terminal according to claim 18, wherein said reception audio data is transferred under Bluetooth system.

20. A mobile communication terminal communicatable with a car navigation device having a display, said mobile communication terminal comprising:

means for making radio communication with a mobile communication network via a first radio channel;

means for making radio communication with said car navigation device via a second radio channel; and

15 means for transferring reception data received from said mobile communication network via said first radio channel to said car navigation device via said second radio channel, thereby causing said display of the car navigation device to display the reception data.

20 21. The mobile communication terminal according to claim 20, wherein said reception data is transferred under Bluetooth system.

25 22. The mobile communication terminal according to claim 20, further comprising means for, supplying a display limiting command to said car navigation device via said second radio channel, so as to suspend display

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operation of information specific to said car navigation device when reception video data is transferred to said car navigation device to be displayed on the display.

- 5 23. The mobile communication terminal according to claim 20, further comprising means for supplying a display limiting command to said car navigation device via said second radio channel, so as to reduce a region where information specific to said car navigation device is displayed when reception video data is transferred to said car navigation device to be displayed on the display.
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